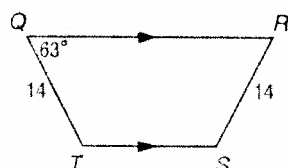
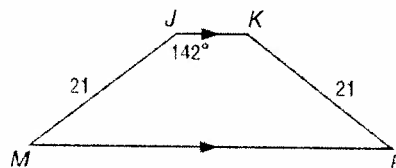


6-6 Skills Practice**Trapezoids and Kites****ALGEBRA** Find each measure.

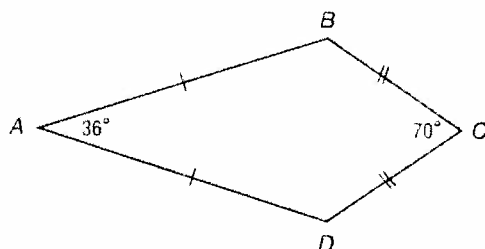
1. $m\angle S$



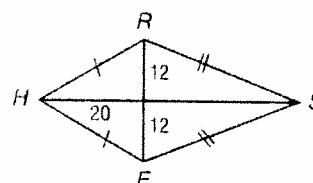
2. $m\angle M$



3. $m\angle D$



4. RH

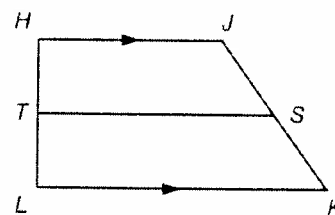
**ALGEBRA** For trapezoid $HJKL$, T and S are midpoints of the legs.

5. If $HJ = 14$ and $LK = 42$, find TS .

6. If $LK = 19$ and $TS = 15$, find HJ .

7. If $HJ = 7$ and $TS = 10$, find LK .

8. If $KL = 17$ and $JH = 9$, find ST .

**COORDINATE GEOMETRY** $EFGH$ is a quadrilateral with vertices $E(1, 3)$, $F(5, 0)$, $G(8, -5)$, $H(-4, 4)$.

9. Verify that $EFGH$ is a trapezoid.

10. Determine whether $EFGH$ is an isosceles trapezoid. Explain.